

WIRELESS COMMUNICATIONS FACILITY (WCF) AND PROCESS MATRIX

3/4/2003

For reference use only, refer to the zoning ordinance for specific requirements.

WCF Site	Type 1 Expedited Staff Review (1-5 days)	Type 2 Standard Staff Review (1-3 weeks)	Type 3 Development Review Board	Type 4 Use Permit
1. Location Restrictions	Except for replacement of existing antennas and equipment, Type 1 does not include facilities located: <ul style="list-style-type: none"><li>On single-family lots</li><li>Within 150' of a single-family lot</li><li>On schools (K-12)</li><li>In the McDowell Sonoran Preserve</li></ul>	Type 2 does not include facilities located: <ul style="list-style-type: none"><li>WCF antennas on single-family lots</li><li>WCF antennas within 150' of single-family</li><li>On schools (K-12)</li><li>In the McDowell Sonoran Preserve</li></ul>	Type 3 does not include facilities located: <ul style="list-style-type: none"><li>WCF antennas on single-family lots</li><li>In the McDowell Sonoran Preserve</li></ul>	Type 4 does not include facilities located: <ul style="list-style-type: none"><li>See use permit criteria and equipment requirements in zoning ordinance</li></ul>
2. The replacement of existing antennas and equipment cabinets	No visible change <b>or replacing with a smaller facility</b>	N/A	N/A	N/A
3. On or within buildings, walls, and water tanks	<ul style="list-style-type: none"><li>Fully concealed antennas and equipment and no visible changes</li><li>Meets District heights</li><li>Meets District setbacks, except in right-of-way and/or underground equipment</li></ul>	<ul style="list-style-type: none"><li>Does not include R1 properties with visible changes</li><li>Limited to fully concealed or snug-mount antennas</li><li>Building not to increase in height more than 15%, and no increase in height of the water tanks.</li><li>Rooftop appurtenances not raised more than 2'</li><li>Rooftop appurtenances not to be more than 10% of roof</li><li>Rooftop appurtenances not to be more than 600 sq.ft.</li><li>Rooftop appurtenances not to be more than 6' tall</li><li>Equipment buried, screened, and/or hidden</li><li>Equipment not more than 8' tall and 150 cu.ft.</li><li>Equipment meets District heights</li><li>Equipment meets setbacks, except in right-of-way and/or underground equipment</li></ul>	<ul style="list-style-type: none"><li>Match the structure</li><li>Equipment buried, screened, and/or hidden</li><li>Equipment meets District heights and setbacks, except in right-of-way and/or underground equipment</li><li>Equipment with air conditioning shall be enclosed and setback 15' from single-family lot</li></ul>	If not Type 1, 2, or 3
4. Co-located on existing communication monopoles and towers	N/A	<ul style="list-style-type: none"><li>No more than 6' height increase, up to 80' max</li><li>No change in diameter</li><li>Limited to snug-mount, canister, and concealed antennas</li><li>18" canister diameter max</li><li>3 facilities max per pole</li><li>Cables located inside</li><li>Equipment buried, screened, and/or hidden</li><li>Equipment in ESL right-of-way or ESL scenic corridor not more than 4' tall above natural grade and 150 cu.ft. above natural grade (colors to match corridor colors; no screenwall necessary)</li><li>Equipment outside of ESL right-of-way and ESL scenic corridor not more than 8' tall and 150 cu.ft.</li><li>Underground equipment exempt from setbacks</li></ul>	<ul style="list-style-type: none"><li>12' height increase, up to 80' max</li><li>60% increase diameter max</li><li>2' max antenna extension from monopole or tower</li><li>3 facilities max per pole</li><li>Cables located inside or encased</li><li>Equipment buried, screened, and/or hidden</li><li>Equipment in ESL right-of-way or ESL scenic corridor not more than 6' tall above natural grade and 150 cu.ft. above natural grade (colors to match corridor colors; no screenwall necessary)</li><li>Equipment outside of ESL right-of-way and ESL scenic corridor must meet district heights and setbacks, except underground equipment</li><li>Equipment with air conditioning shall be enclosed and setback 15' from single-family lot</li></ul>	If not Type 2 or 3
5. On existing or replaced utility poles and towers	N/A	<ul style="list-style-type: none"><li>12-KV limited to collector, arterial, or higher streets</li><li>Pole/tower size/height determined by utility company</li><li>Limited to snug, canister, and concealed antennas</li><li>Canister allows 6' height increase, up to 80' max</li><li>18" canister diameter max</li><li>3 facilities max per pole</li><li>Cables inside</li><li>Equipment buried, screened, and/or hidden</li><li>Equipment in ESL right-of-way or ESL scenic corridor not more than 4' tall above natural grade and 150 cu.ft. above natural grade (colors to match corridor colors; no screenwall necessary)</li><li>Equipment outside of ESL right-of-way and ESL scenic corridor not more than 8' tall and 150 cu.ft.</li><li>Equipment meets District heights and setbacks, except in right-of-way and/or underground equipment</li></ul>	<ul style="list-style-type: none"><li>Does not include utility structures planned for removal</li><li>12-KV limited to collector, arterial, or higher streets</li><li>3 facilities max per pole</li><li>No more than 8' height increase</li><li>Pole/tower size/height determined by utility company</li><li>Canister allows 12' height increase, up to 80' max</li><li>18" canister diameter max</li><li>2' antenna extension from pole or tower max</li><li>Cables inside or encased</li><li>Equipment buried, screened, and/or hidden</li><li>Equipment in ESL right-of-way or ESL scenic corridor not more than 6' tall above natural grade and 150 cu.ft. above natural grade (colors to match corridor colors; no screenwall necessary)</li><li>Equipment outside of ESL right-of-way and ESL scenic corridor must meet District heights and setbacks, except underground equipment</li><li>Equipment with air conditioning shall be enclosed and setback 15' from single-family lot</li></ul>	If not Type 2 or 3
6. On existing or replaced sports and field light poles (where primary use is sports and field lights)	N/A	<ul style="list-style-type: none"><li>Does not include ESL District and Scenic Corridors</li><li>40% increase in diameter max</li><li>Limited to snug, canister, and concealed antennas</li><li>Canister allows 6' height increase, up to 80' max</li><li>18" canister diameter max</li><li>3 facilities max per pole</li><li>Cables inside, or match existing condition on nearby poles on same site</li><li>Equipment buried, screened, and/or hidden</li><li>Equipment not more than 8' tall and 150 cu.ft.</li><li>Equipment meets District heights and setbacks, except in right-of-way and/or underground equipment</li></ul>	<ul style="list-style-type: none"><li>60% increase in diameter max</li><li>2' max antenna extension from pole</li><li>Canister allows 12' height increase, up to 80' max</li><li>18" canister diameter max</li><li>3 facilities max per pole</li><li>Cables inside or encased</li><li>Equipment buried, screened, and/or hidden</li><li>Equipment meets District heights and setbacks, except in right-of-way and/or underground equipment</li><li>Equipment with air conditioning shall be enclosed and setback 15' from single-family lot</li></ul>	If not Type 2 or 3 See additional setbacks

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7. On existing or replaced traffic signal poles	<ul style="list-style-type: none"><li>On pre-approved pole designs with all ground equipment buried underground</li></ul>	<ul style="list-style-type: none"><li>New traffic signals require City approval</li><li>18" diameter max</li><li>6' increase standard pole height max</li><li>Limited to snug, canister, and concealed antennas</li><li>Cables located inside</li><li>Equipment buried, screened, hidden, and/or city-approved pole-mounted</li><li>Equipment in ESL right-of-way or ESL scenic corridor not more than 4' tall above average natural grade and 150 cu.ft. above natural grade (colors to match corridor colors; no screenwall necessary)</li><li>Equipment outside of ESL right-of-way and ESL scenic corridor not more than 8' tall and 150 cu.ft.</li><li>Underground equipment exempt from setbacks</li></ul>	<ul style="list-style-type: none"><li>New traffic signals require City approval</li><li>18" diameter max</li><li>6' increase standard pole height max</li><li>Limited to snug, canister, and concealed antennas</li><li>Cables inside or encased</li><li>Equipment buried, screened, hidden, and/or city-approved pole-mounted</li><li>Equipment in ESL right-of-way or ESL scenic corridor not more than 6' tall above average natural grade and 150 cu.ft. above natural grade (colors to match corridor colors)</li><li>Equipment outside of ESL right-of-way and ESL scenic corridor must meet District heights and setbacks, except underground equipment</li><li>Equipment with air conditioning shall be enclosed and setback 15' from single-family lot</li></ul>	If not Type 1, 2, or 3
8. Concealed within flagpoles (monopoles with a flag)	N/A	N/A	N/A	Allowed
9. On existing or replaced street light poles, parking lot light poles, and street signs	N/A	N/A	<ul style="list-style-type: none"><li>60% increase in diameter max up to 18"</li><li>Limited to snug-mount, canister, and concealed antennas</li><li>6' height increase max</li><li>18" canister diameter max</li><li>Cables inside or encased</li><li>Equipment buried, screened, and/or hidden</li><li>Equipment meets District heights and setbacks, except in right-of-way and/or underground equipment</li><li>Equipment with air conditioning shall be enclosed and setback 15' from single-family lot</li></ul>	If not Type 3
10. On freeway directional signs	N/A	<ul style="list-style-type: none"><li>Limited to snug-mount, canister, and concealed antennas</li><li>6' height increase max</li><li>18" canister diameter max</li><li>Cables located inside</li><li>Equipment buried, screened, and/or hidden</li><li>Colors to match corridor colors</li></ul>	<ul style="list-style-type: none"><li>Limited to snug-mount, canister, and concealed antennas</li><li>6' height increase max</li><li>18" canister diameter max</li><li>Cables located inside pole or encase in sheath</li><li>Equipment buried, screened, and/or hidden</li><li>Colors to match corridor colors</li></ul>	If not type 2 or 3
11. Alternative concealment facilities	N/A	N/A	<ul style="list-style-type: none"><li>Structure not to exceed max height per district</li><li>Equipment buried, screened, and/or hidden</li><li>Equipment meets District heights and setbacks, except in right-of-way and/or underground equipment</li><li>Equipment with air conditioning shall be enclosed and setback 15' from single-family lot</li></ul>	If not Type 3
12. New communication Monopoles or Towers (not including monopoles with flag)	N/A	<ul style="list-style-type: none"><li>Limited to one monopole every 20,000 square feet of substation</li><li>Shall be located inside an existing utility substation with solid enclosure (no monopoles outside)</li><li>40' max height</li><li>14" max monopole diameter</li><li>Limited to snug, canister, and concealed antennas</li><li>18" canister diameter max</li></ul>	N/A	On schools (K-12): <ul style="list-style-type: none"><li>8' antenna height max</li><li>Up to 80' height max</li></ul> In I-1, C-4, and S-S Districts: <ul style="list-style-type: none"><li>Up to 80' height max, ¼ mile separation, and 2:1 setbacks if within 200' of arterial or collector street, or within 300' of R1</li></ul> In C-S, C-2, C-3, PNC, PCC, PRC, C-O, PCP, WP <ul style="list-style-type: none"><li>Up to 40' (50' if co-locate) in height</li><li>¼ mile separation</li></ul> See additional requirements
13. On single-family lots	N/A	<ul style="list-style-type: none"><li>1+ acre lots: equipment only (no antennas); buried, screened, and/or hidden</li></ul>	N/A	<ul style="list-style-type: none"><li>5+ acre lots (equipment and antennas allowed)</li><li>Shall meet zoning heights and setbacks, except no WCF on structures needing additional height allowed in Section 7.100 unless built prior to this ordinance revision</li><li>Shall be architecturally integrated into an existing building</li></ul>
14. In McDowell Sonoran Preserve	N/A	N/A	N/A	No new monopoles and towers